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Advances in Ultrasound Research

Ultrasound is an oscillating sound pressure wave with a frequency greater than the upper limit of the human hearing range. Ultrasound is thus not separated from 'normal' (audible) sound based on differences in physical properties, only the fact that humans cannot hear it. Although this limit varies from person to person, it is approximately 20 kilohertz (20,000 hertz) in healthy, young adults. Ultrasound devices operate with frequencies from 20 kHz up to several gigahertz.

Ultrasonics is the application of ultrasound. Ultrasound can be used for medical imaging, detection, measurement and cleaning. At higher power levels, ultrasonics is useful for changing the chemical properties of substances.

In this special issue, we are going to invite front-line researchers and authors to submit original research. Authors should read over the journal's Authors' Guidelines carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal Paper Submission System.

According to the following timetable:

Manuscript Due	June 19th, 2013
Publication Date	August 2013

Please kindly notice that the"**Special Issue**" under your manuscript title is supposed to be specified and the research field "***Special issue - Ultrasound Research***" should be chosen during your submission.

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